

4

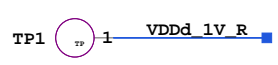
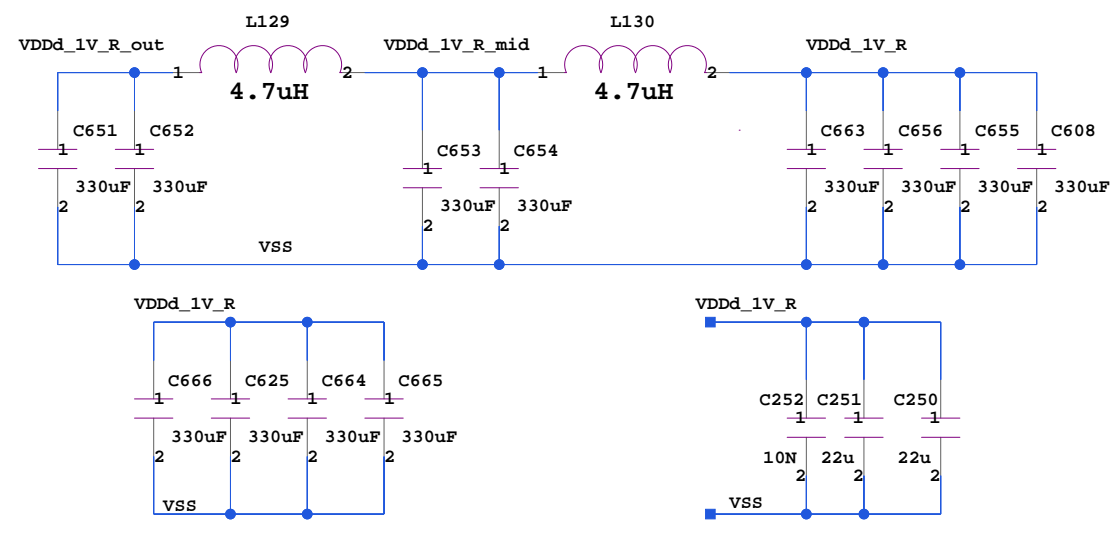
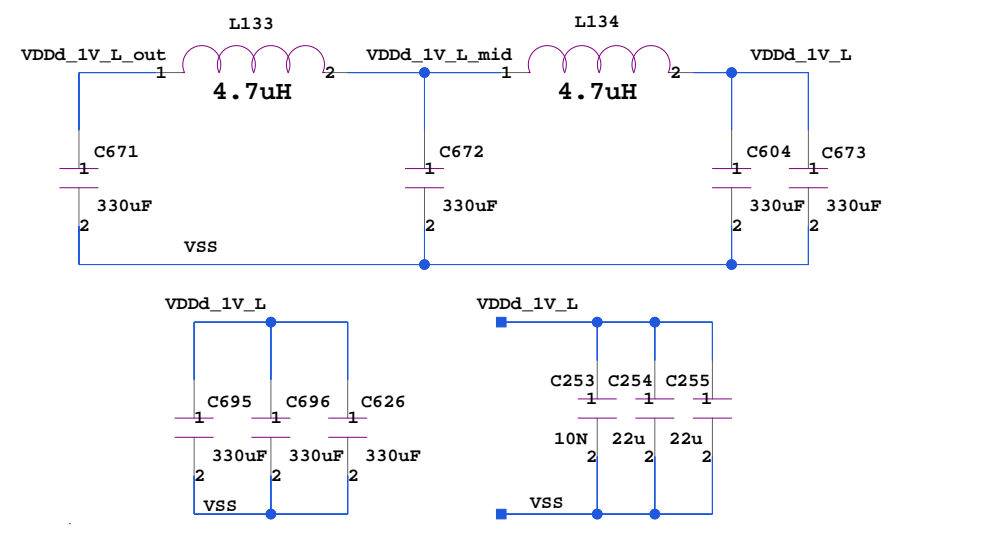
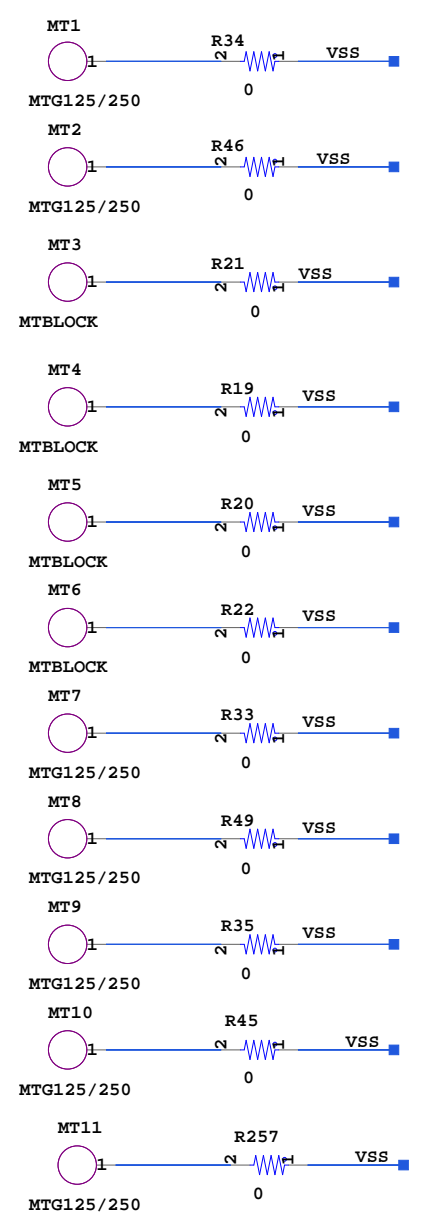
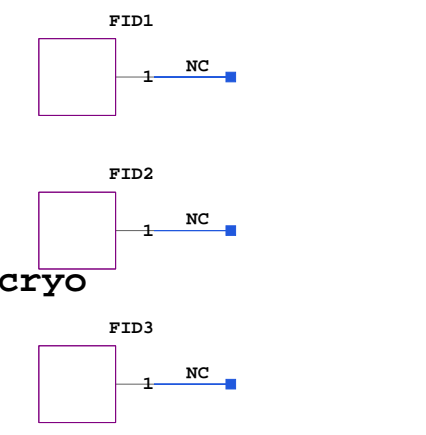
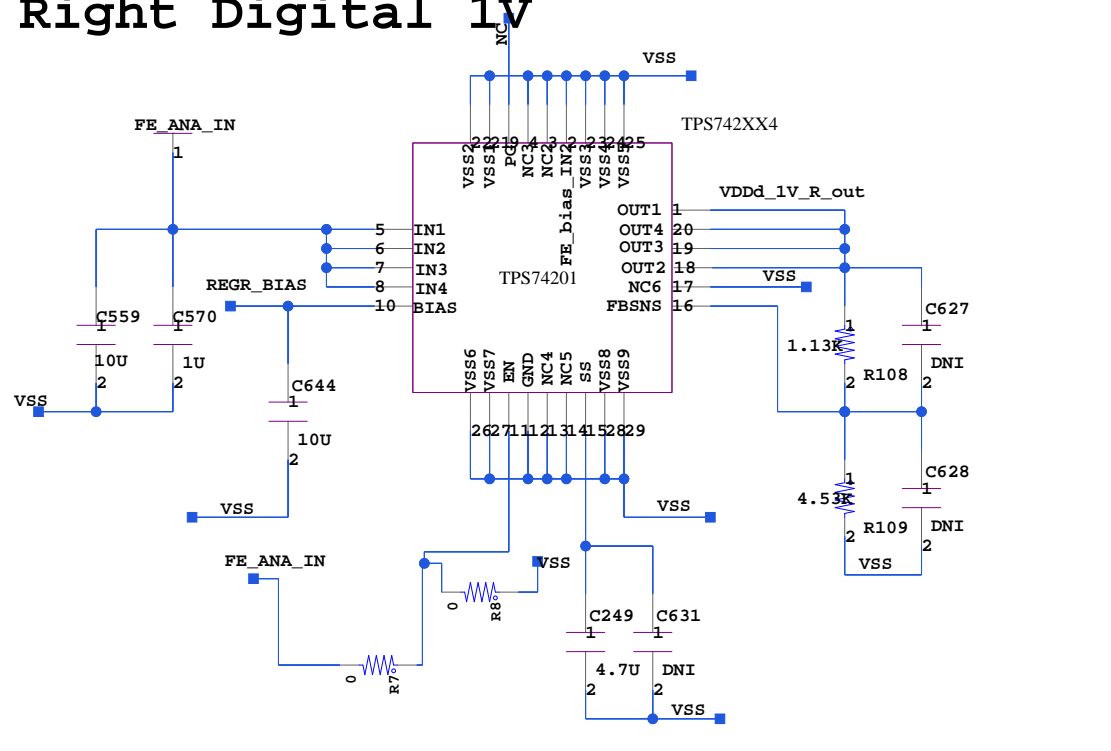
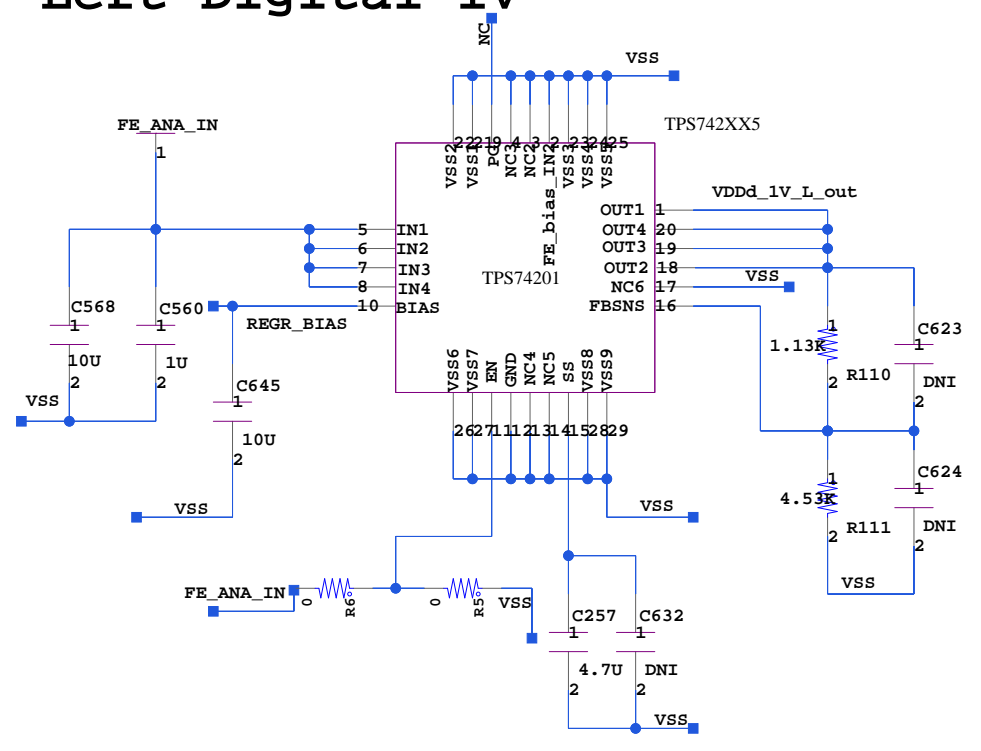
4

Left Digital 1V

Right Digital 1V

sense lines. Keep resistors close to asic. in between both

Ground? but keep close to cryo



TITLE				
DUNE FRONT END MOTHER BOARD				
TEAM				
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB				
SIZE	REV	SHEET	2	OF 13
DRAWN	JEFF KLEYNER	DATE	10/01/2020:22:59	

3

3

2

2

1

1

A

B

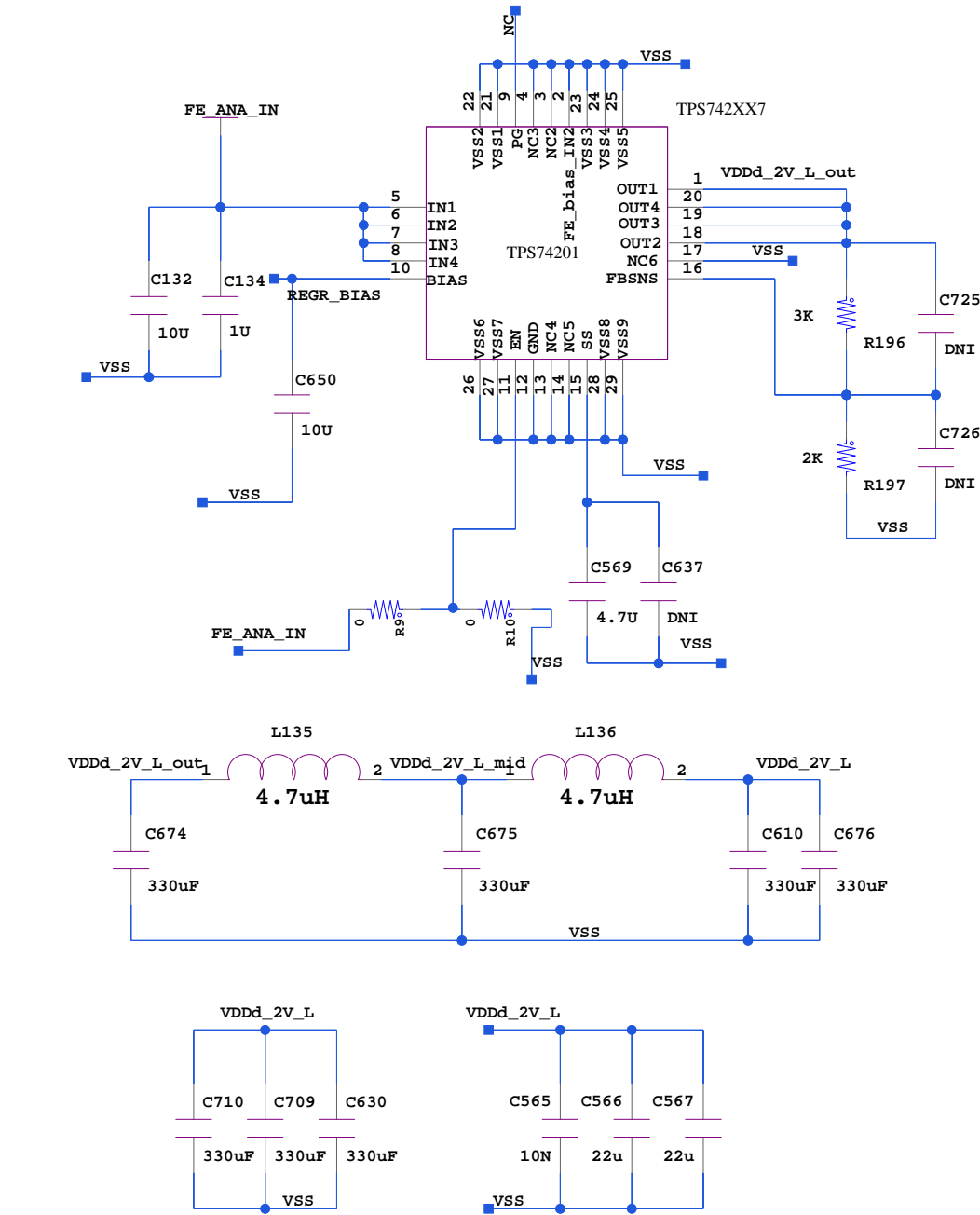
C

D

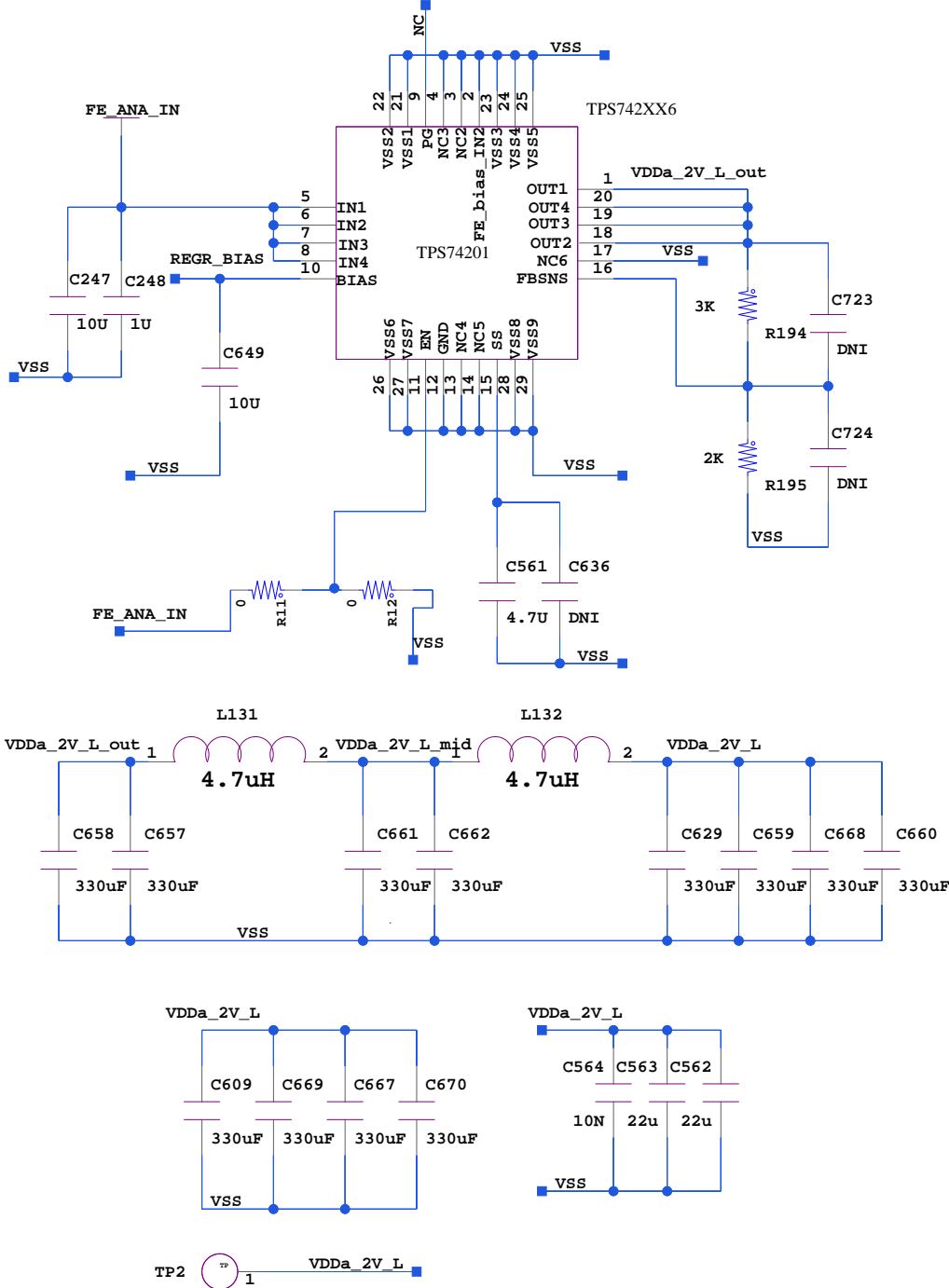
E

F

Left Digital 2V

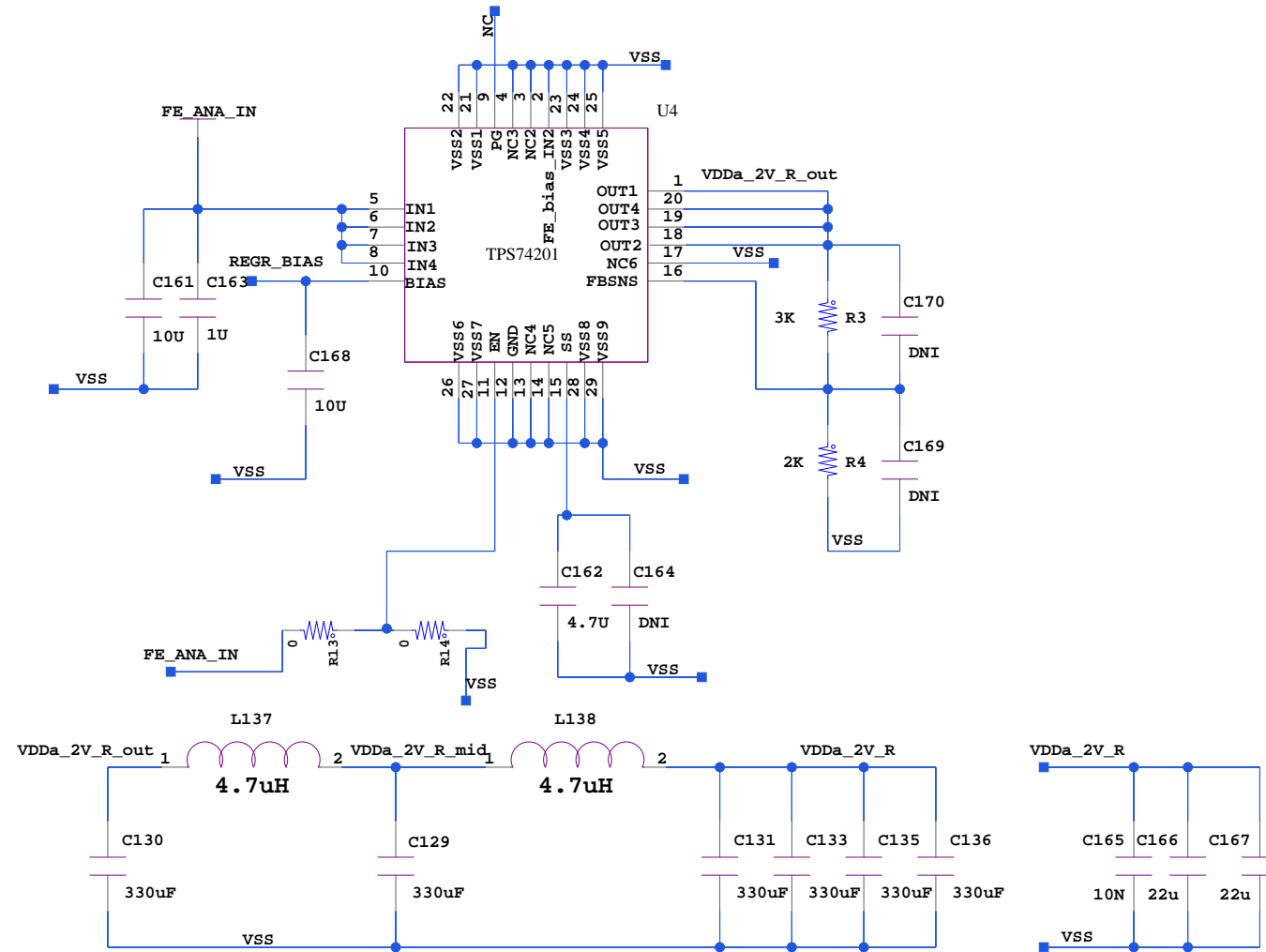


Left Analog 2V

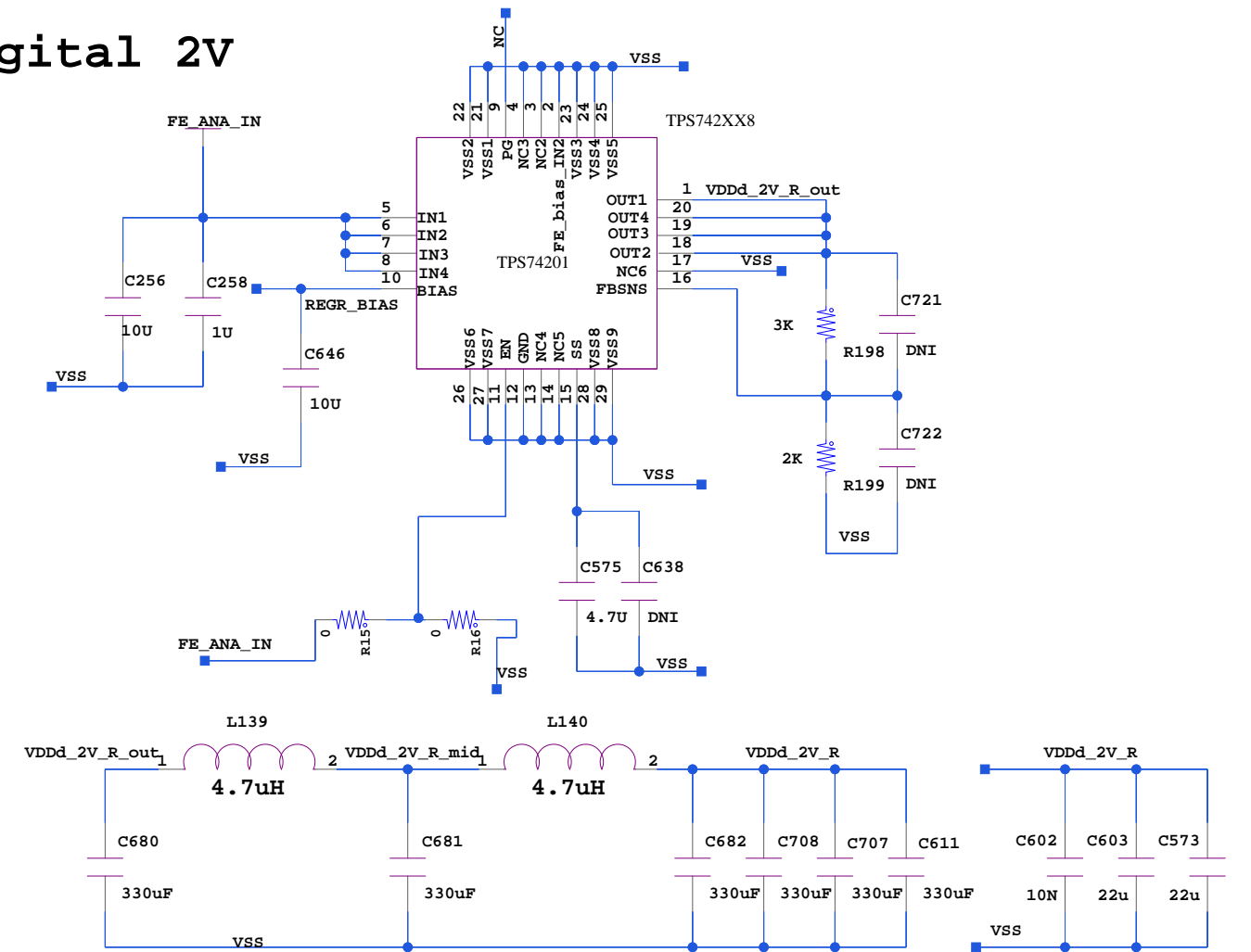


TITLE				
DUNE FRONT END MOTHER BOARD				
TEAM				
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB				
SIZE	REV	SHEET	3	OF 13
DRAWN	JEFF KLEYNER	DATE	10/01/2020:22:59	

Right Analog 2V

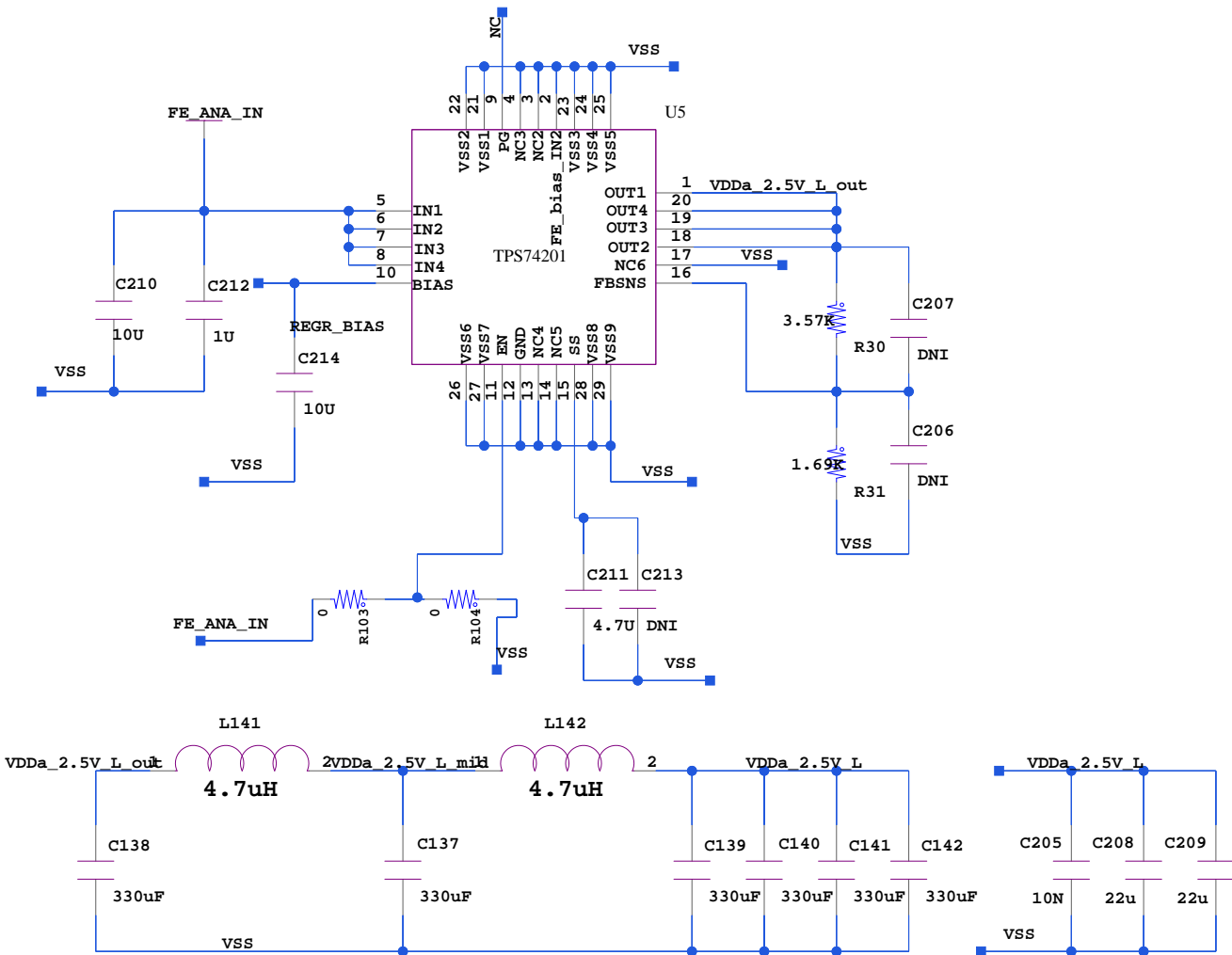


Right Digital 2V

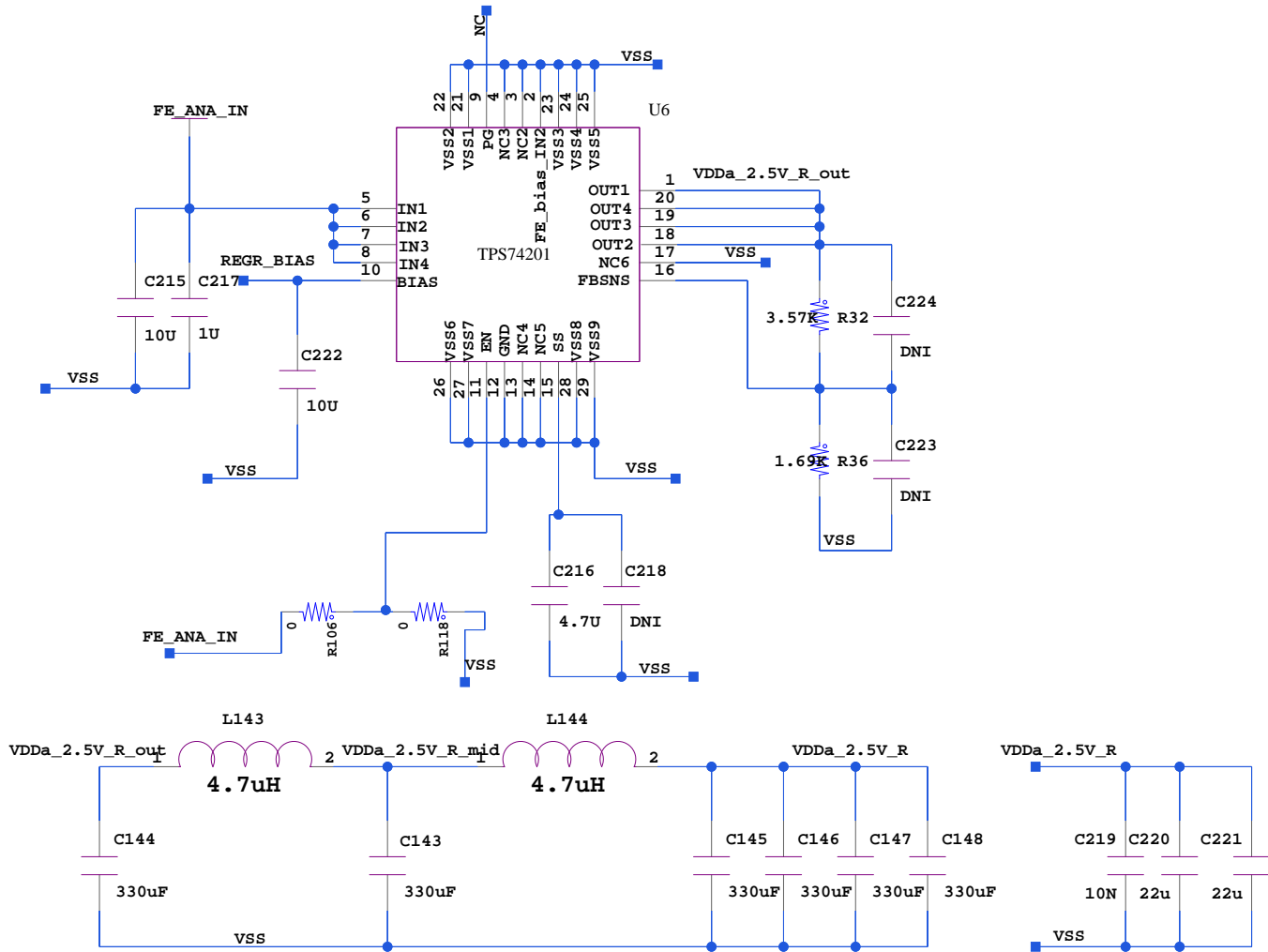


TITLE				
DUNE FRONT END MOTHER BOARD				
TEAM				
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB				
SIZE	REV	SHEET	4	OF 13
DRAWN	JEFF KLEYNER	DATE	10/01/2020:22:59	

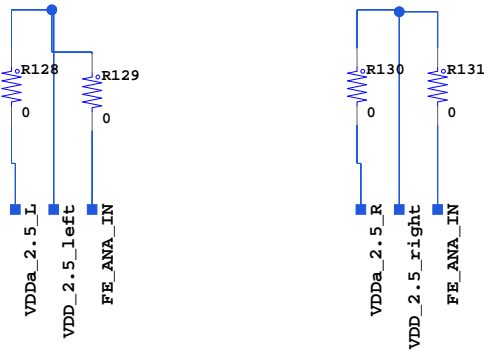
Left Analog 2.5V



Right Analog 2.5V

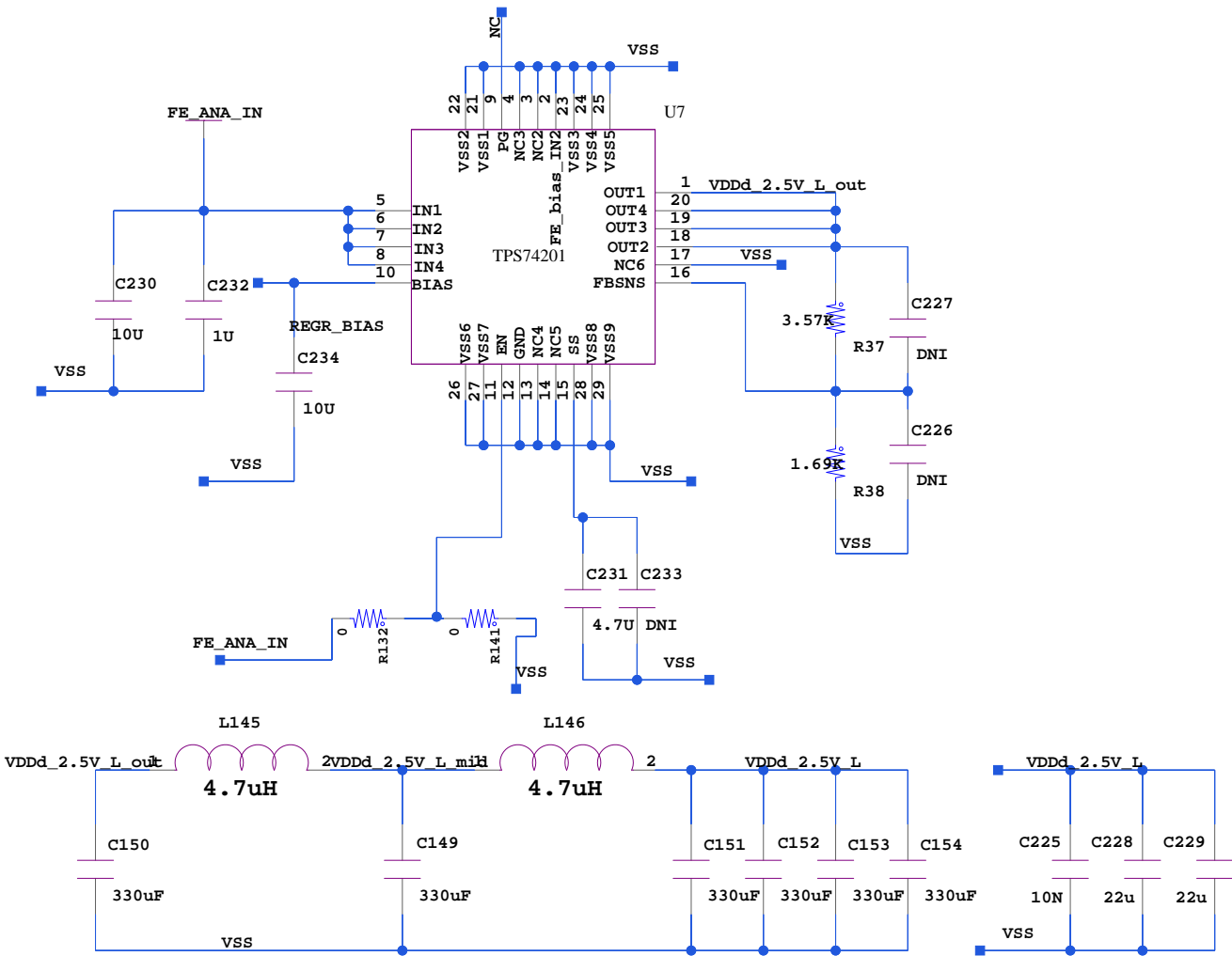


Select raw power in or ldo 2.5 out

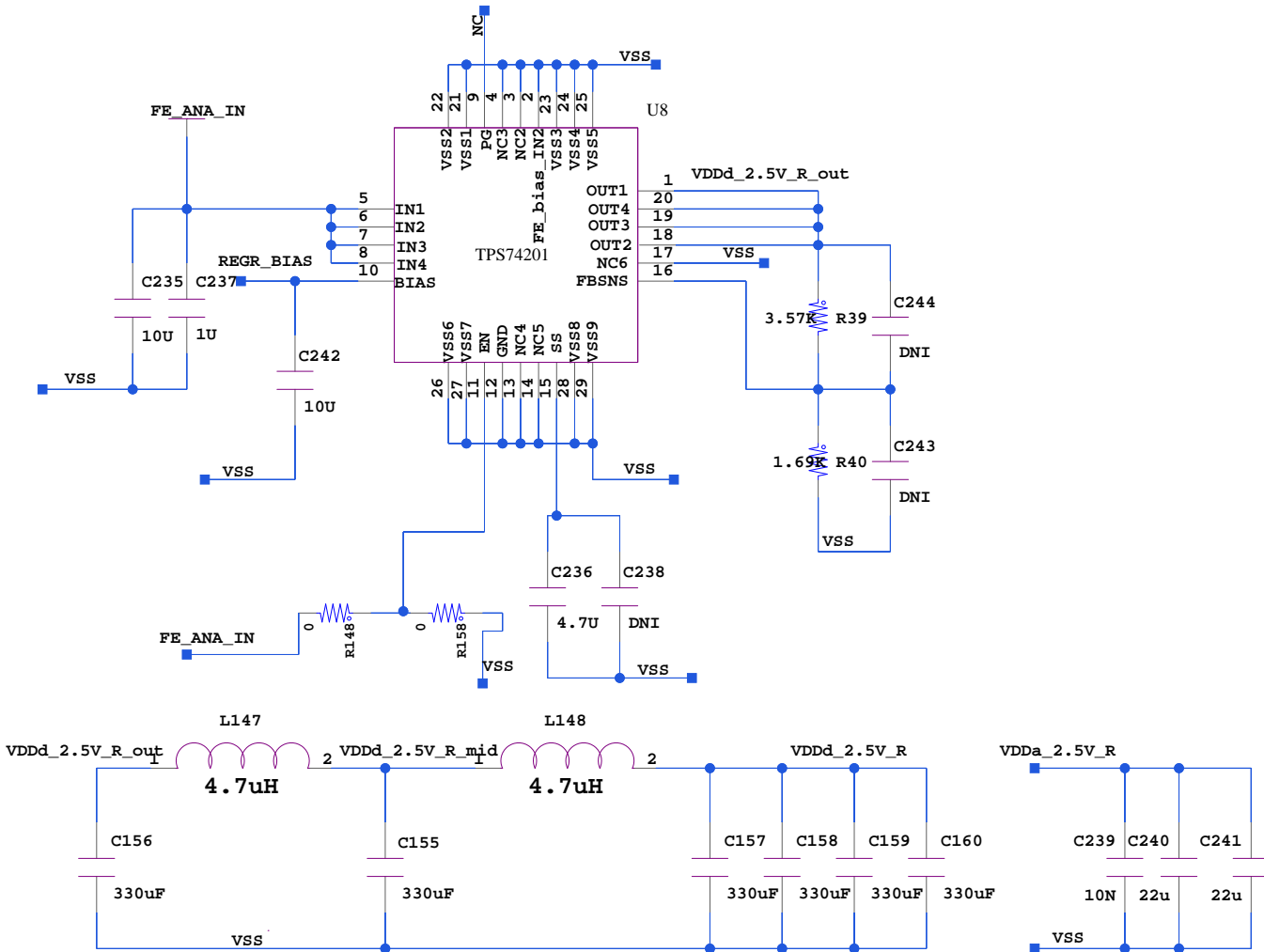


TITLE				
DUNE FRONT END MOTHER BOARD				
TEAM				
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB				
SIZE	REV	SHEET	5	OF 13
DRAWN	JEFF KLEYNER	DATE	10/01/2020:22:59	

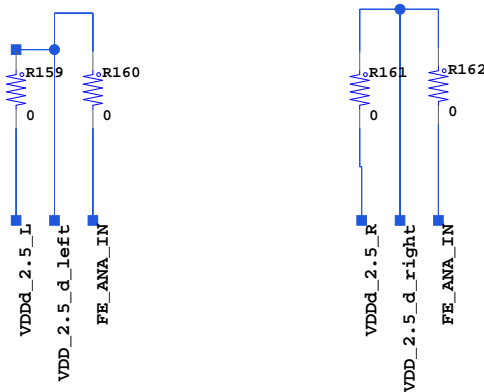
Left Digital 2.5V



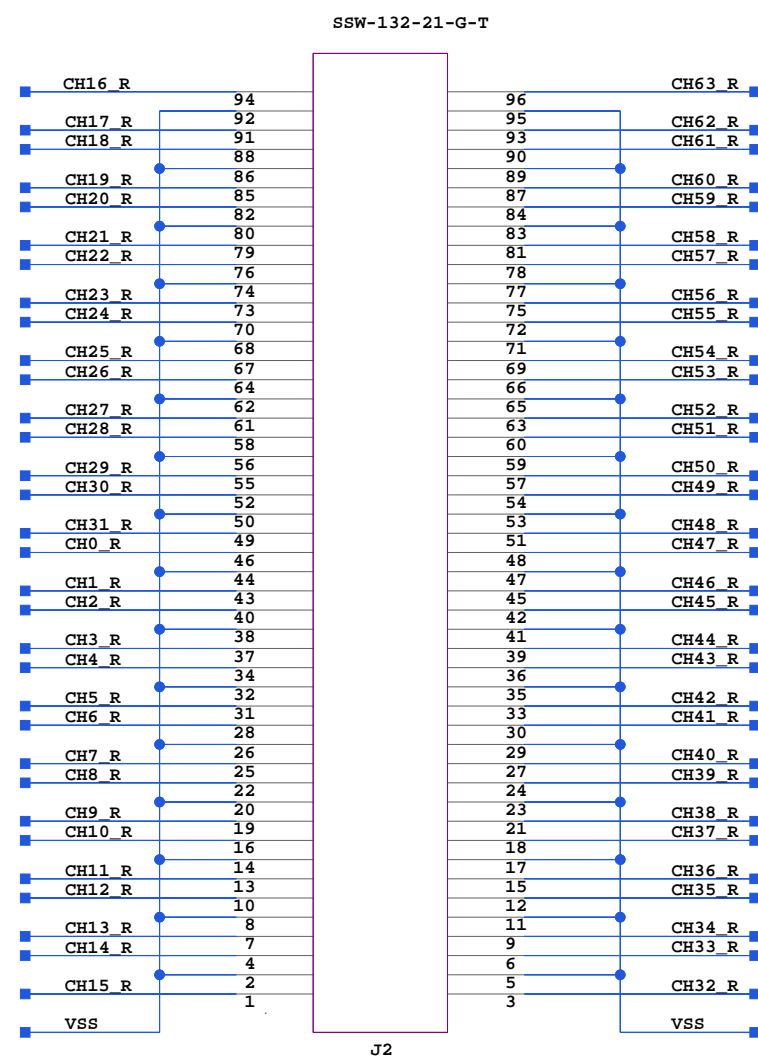
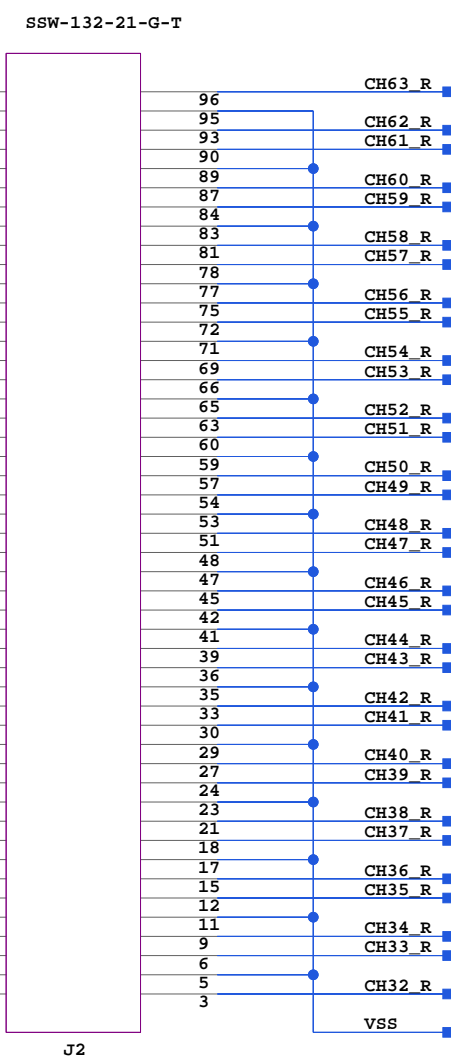
Right Digital 2.5V

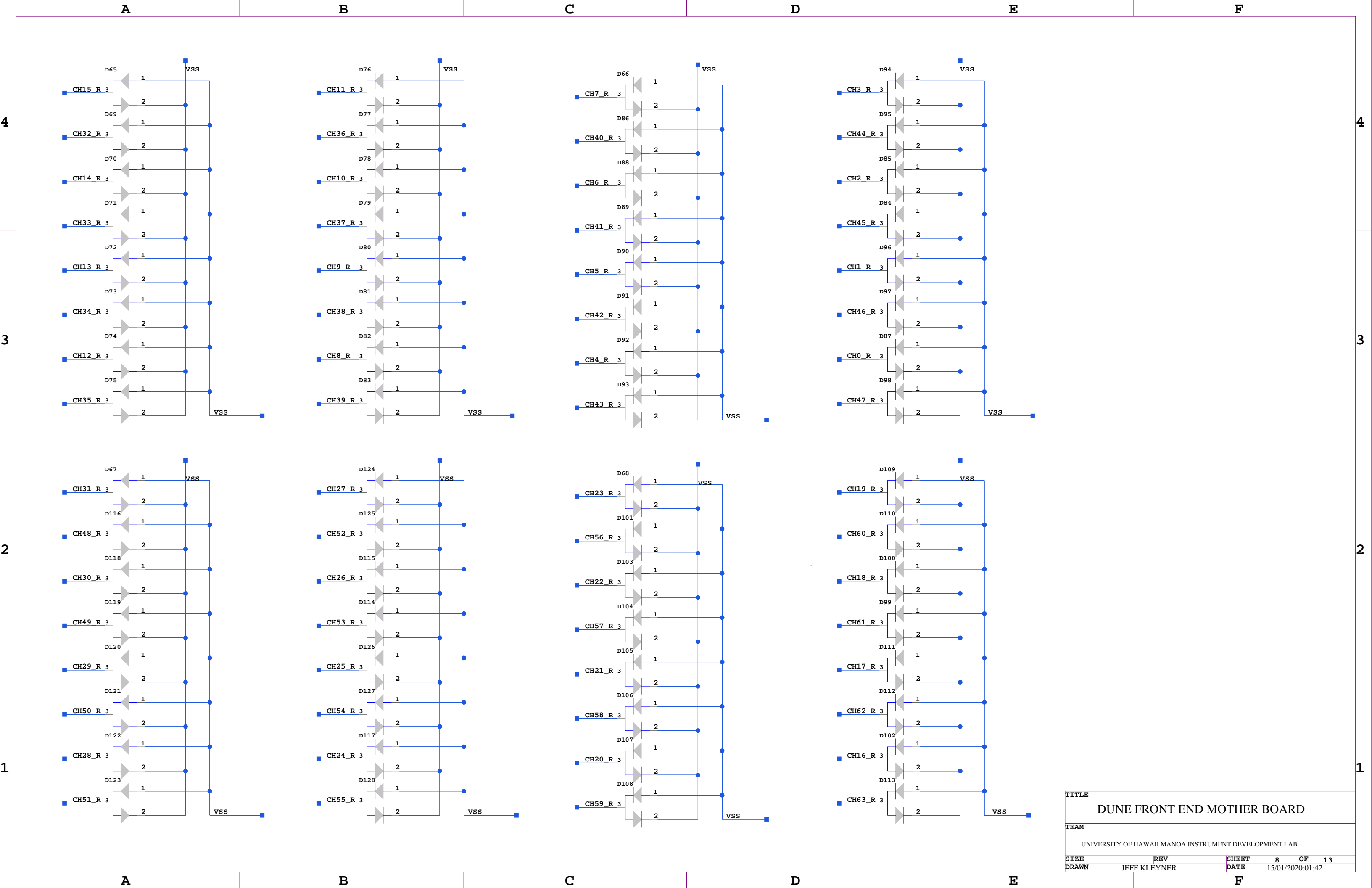


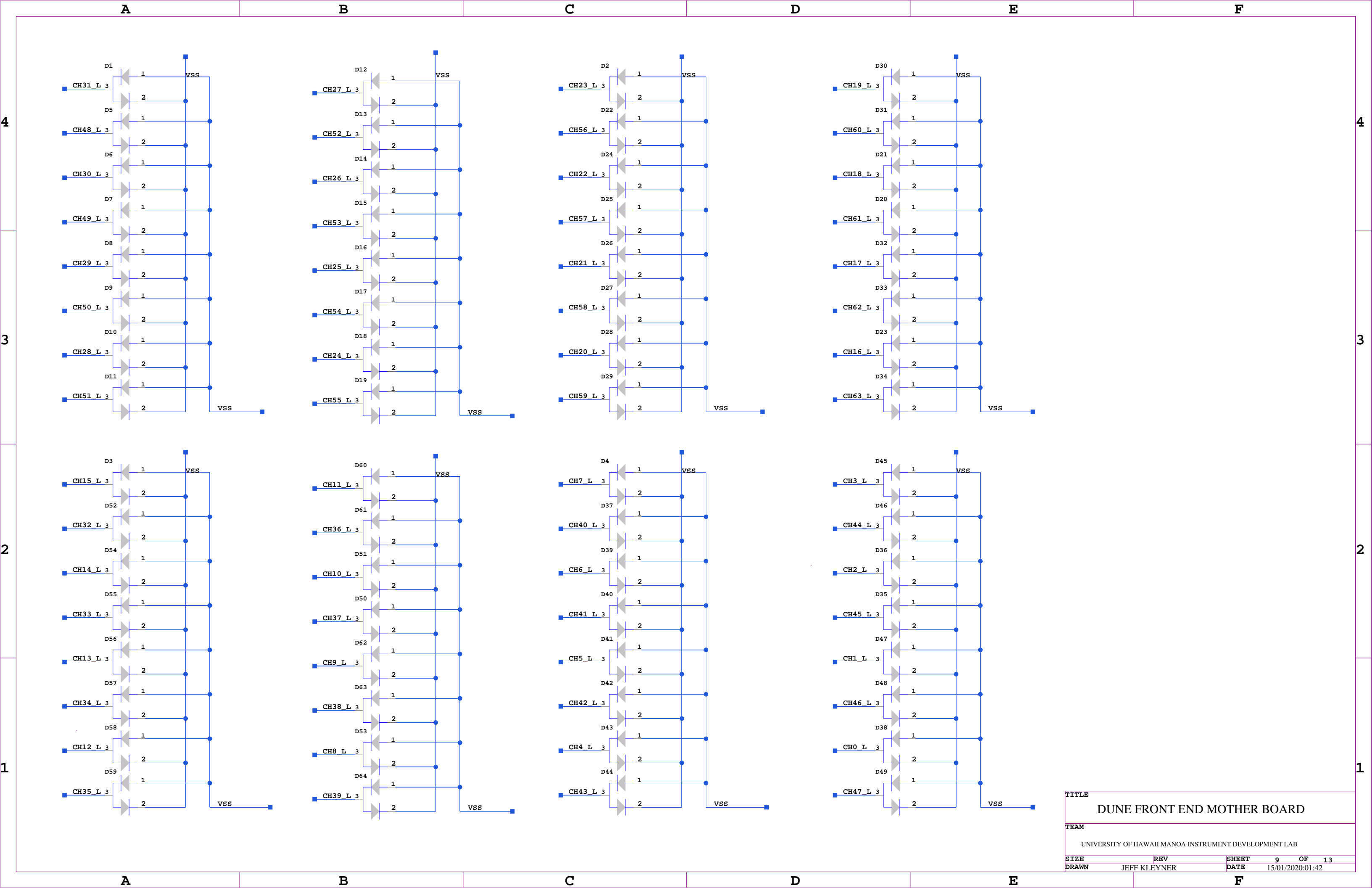
Select raw power in or ldo 2.5 out



TITLE					
DUNE FRONT END MOTHER BOARD					
TEAM					
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB					
SIZE	REV	SHEET	6	OF	13
DRAWN	JEFF KLEYNER	DATE	10/01/2020:22:59		









TITLE				
DUNE FRONT END MOTHER BOARD				
TEAM				
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB				
SIZE	REV	SHEET	10	OF 13
DRAWN	JEFF KLEYNER	DATE	15/01/2020:03:21	

4

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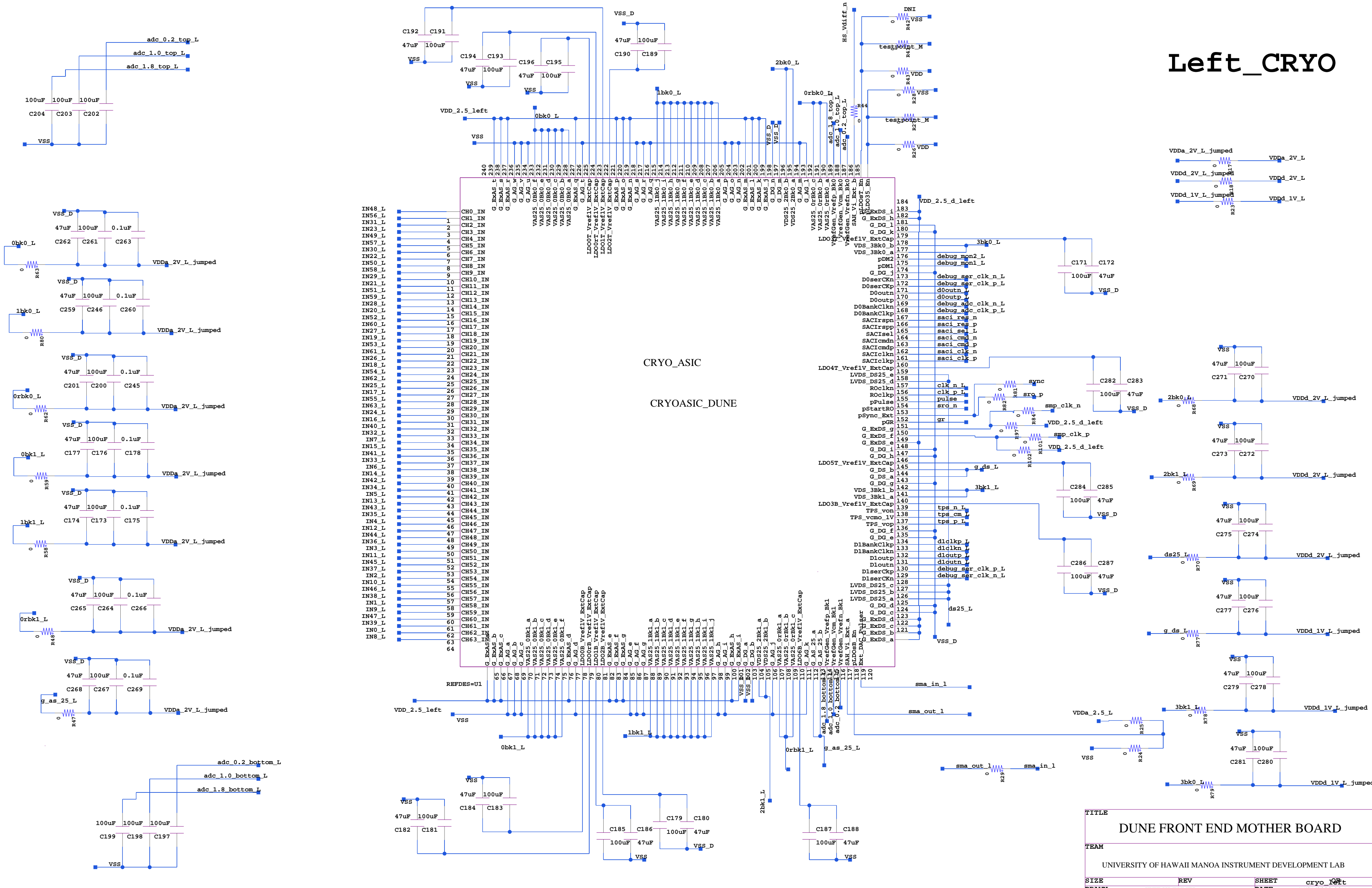
Left_CRYO

4

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1



A

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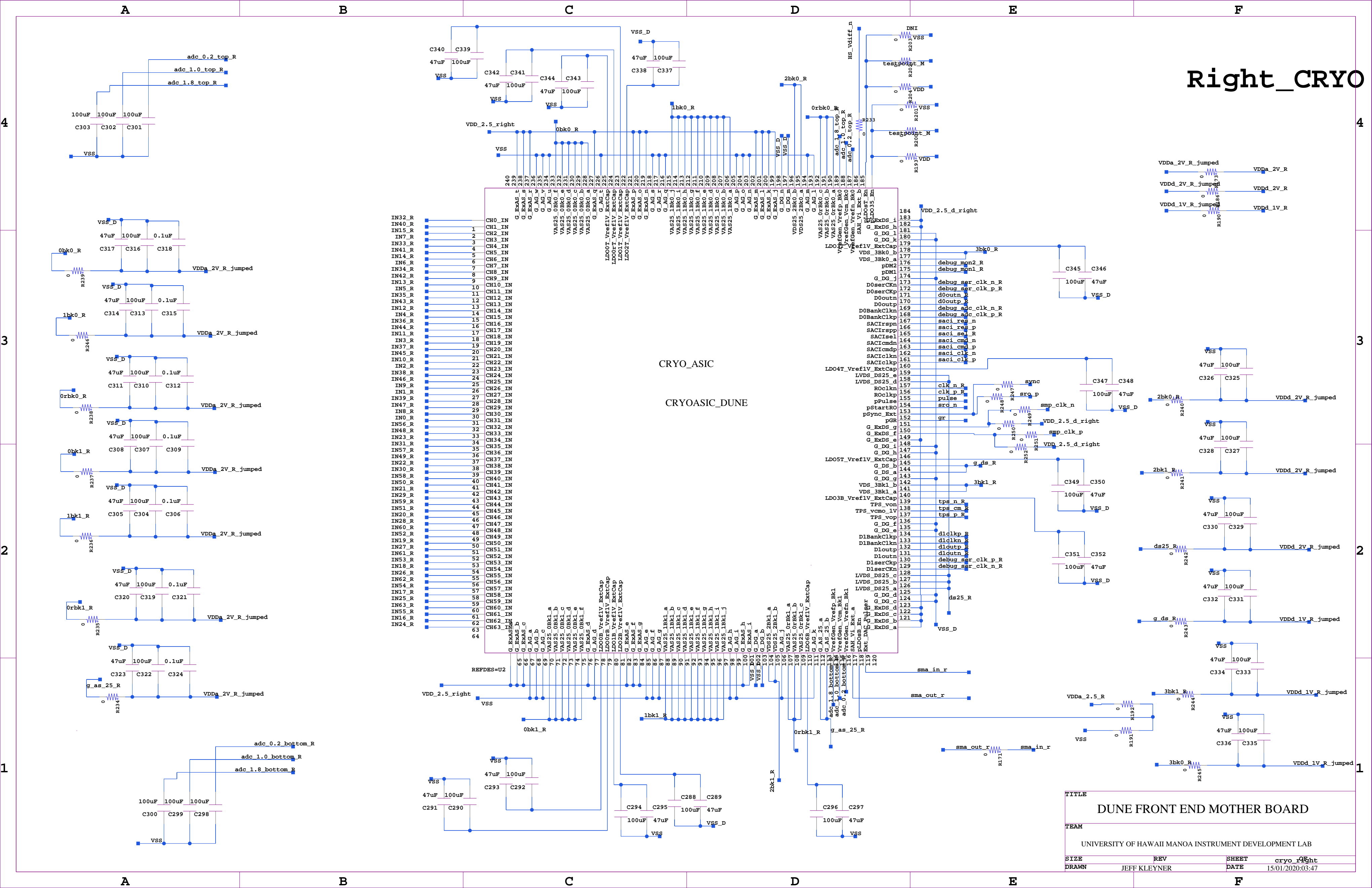
C

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E

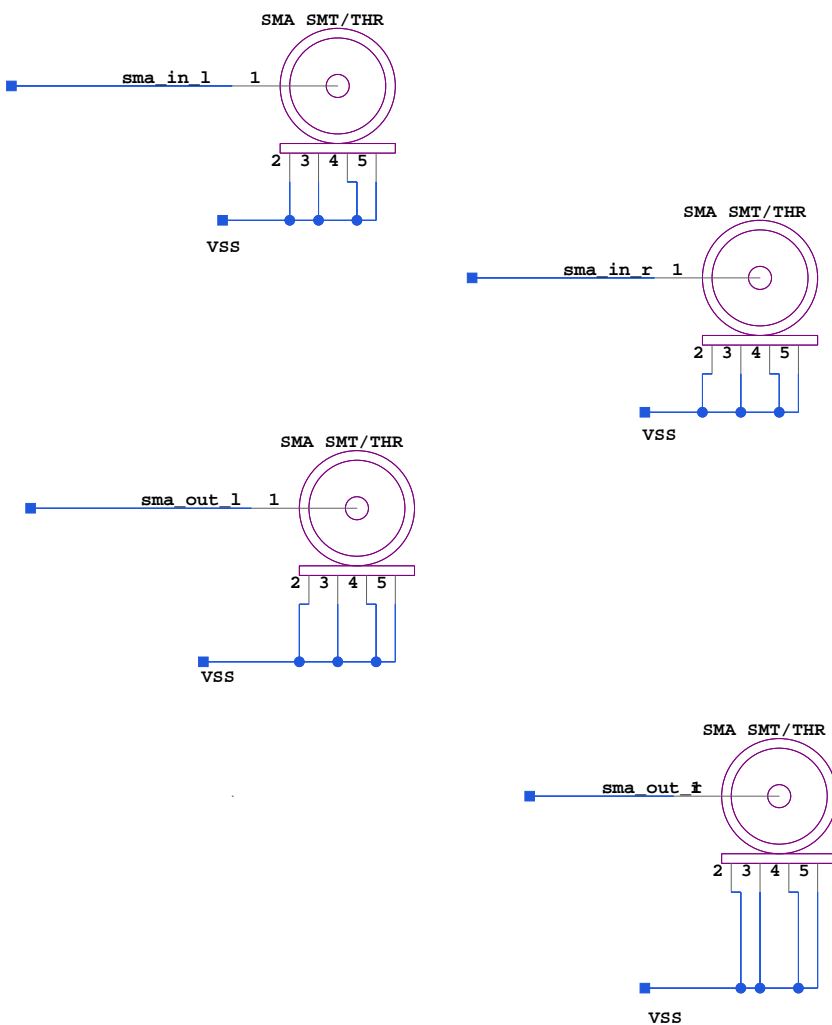
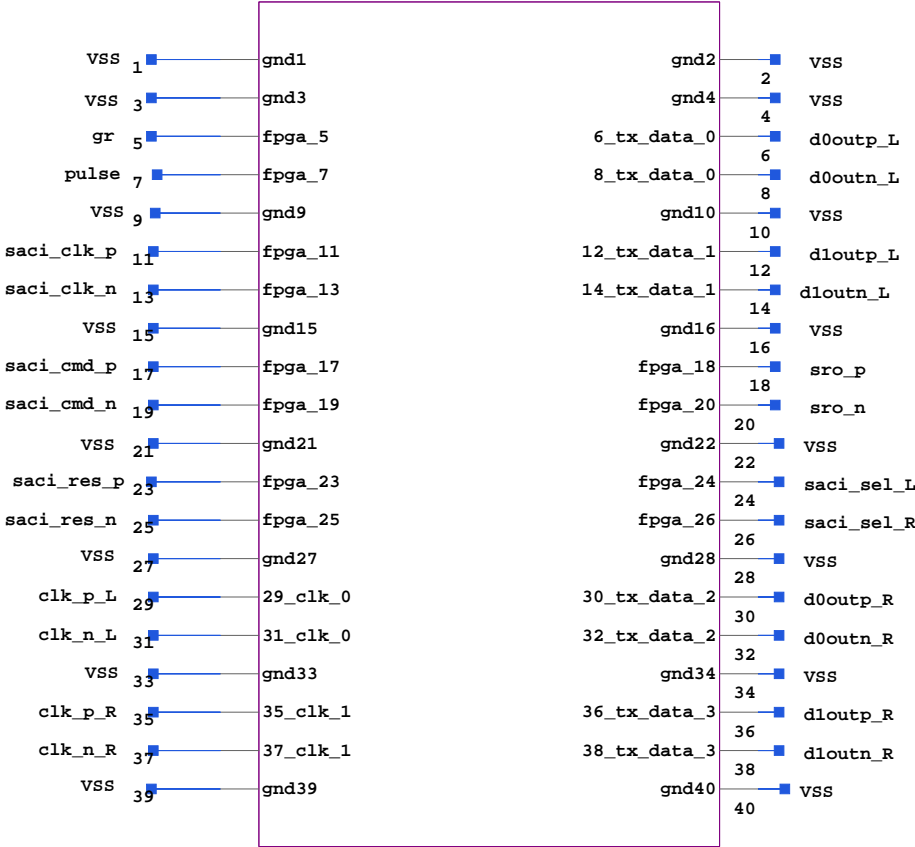
F

TITLE			
DUNE FRONT END MOTHER BOARD			
TEAM			
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB			
SIZE	REV	SHEET	cryo Left
DRAWN	JEFF KLEYNER	DATE	15/01/2020:03:19



WIB IN

Ext. Monitor



TITLE				
DUNE FRONT END MOTHER BOARD				
TEAM				
UNIVERSITY OF HAWAII MANOA INSTRUMENT DEVELOPMENT LAB				
SIZE	REV	SHEET	13	OF 13
DRAWN	JEFF KLEYNER	DATE	10/01/2020:21:03	